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02 DEC 2004

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 0 9 JUN 2004

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1 ''	licant's 1P23	_	ent's file reference VO	FOR FURTHER A	CTION		n of Transmittal of International amination Report (Form PCT/IPEA/416)		
International application No. PCT/EP 03/05574				International filing date 27.05.2003	(day/mon	th/year)	Priority date <i>(day/month/year)</i> 07.06.2002		
International Patent Classification (IPC) or both national classification and IPC									
F02D1/10, F02D1/10									
Applicant SIEMENS AKTIENGESELLSCHAFT et al.									
This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.									
2.	This REPORT consists of a total of 4 sheets, including this cover sheet.								
	This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).								
	These annexes consist of a total of sheets.								
3.	This report contains indications relating to the following items: Basis of the opinion								
	 		Priority Non-establishment of c	ppinion with regard to r	ovelty, ir	nventive step a	nd industrial applicability		
	IV Lack of unity of invention			on					
	٧	×	Reasoned statement u citations and explanation	nder Rule 66.2(a)(ii) wons supporting such st	ith regard atement	d to novelty, inv	ventive step or industrial applicability;		
	VI		Certain documents cite	•					
	VII		Certain defects in the in	• •					
	VIII		Certain observations of	n the international app	lication				
Date	of sub	missio	n of the demand		Date of	completion of thi	s report		
17.09.2003					08.06.2004				
Name and mailing address of the international preliminary examining authority:						Authorized Officer			
European Patent Office						Schilb, G			
Tel. +49 89 2399 - 0 Tx: 523656 epmu Fax: +49 89 2399 - 4465			66 epmu d],	one No. +49 89 2	399-8917			

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

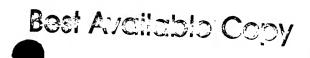
International application No.

PCT/EP 03/05574

 Basis of the 	report
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	De	Description, Pages								
	1-	11	as originally filed							
	Cl	Claims, Numbers								
	1-	13	as originally filed							
	Dr	awings, Sheets								
	1/4	-4/4	as originally filed							
2	. Wi lan	With regard to the language , all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.								
	The	ese elements were a	vailable or furnished to this Authority in the following language: , which is:							
		the language of a ti	ranslation furnished for the purposes of the international search (under Rule 23.1(b)).							
			plication of the international application (under Rule 48.3(b)).							
		the language of a tr Rule 55.2 and/or 55	anslation furnished for the purposes of international preliminary examination (under .3).							
3.	Wit	h regard to any nucl rnational preliminary	eotide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:							
		ernational application in written form.								
		filed together with the international application in computer readable form.								
		furnished subsequently to this Authority in written form.								
		furnished subsequently to this Authority in computer readable form.								
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.								
		The statement that the listing has been furn	he information recorded in computer readable form is identical to the written sequence ished.							
4.	The	The amendments have resulted in the cancellation of:								
		the description,	pages:							
		the claims,	Nos.:							
		the drawings,	sheets:							
	•									



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes: Claims
1-13
No: Claims

Inventive step (IS)

Yes: Claims
1-13
No: Claims

Industrial applicability (IA)

Yes: Claims
1-13

No: Claims

2. Citations and explanations

see separate sheet



INTERNATIONAL PRELIMINARY

International application No. PCT/EP 03/05574

EXAMINATION REPORT - SEPARATE SHEET

Re Item V

Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Prior Art

D1: EP-A-1 024 268 (FORD MOTOR CO) 2 August 2000 (2000-08-02)

D2: EP-A-1 098 078 (SIEMENS CANADA LTD) 9 May 2001 (2001-05-09)

Claims 1 and 2; NOVELTY and Inventive Step

D1 discloses the features of the preamble of claim 1.

Therein a nose is integrally formed with the gear sector and abuts against a relatively flexible rib of the casing (see figure 9).

The document D2 proposes to add a rubber circle spring to the gear sector to dampen the collision.

The features of the characterising part of claim 1 enable to dampen the abutment by providing a flexible end stop structurally fixated to the gear sector.

The gear sector of claim 2, that the elastic material is integrally formed is also new and inventive because in D2 the flexible material is not integral with the gear sector.

Thus independent claims 1 and 2 meet the requirements of the PCT.

Dependent claims 3 to 13

These claims propose developments of the integral blocking tooth of claim 2 and meet therefore the requirements of the PCT.